

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Audio Processor
Manufacturer: ClearOne
Firmware Version: N/A
Model(s): PSR1212

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
7	4/10/2012	1.5.1	3.3.1	Added Preset Recall.
6	7/24/08	1.3.11.1	2.4.0	Beta Version. Modified all of the volume and ramp channel groups, added an example GC2 configuration to the comm. sheet.
5	10/10/07	1.3.11.1	2.3.0	Released version. Modified PSR1212 specs. PSR1212 flow control must be disabled.
4	07/27/06	1.3.11.1	2.1	Released.
3	07/10/06	1.3.11.1	2.1	Changed 'Group Select' to 'Output' by default. Custom Version.
2	05/24/06	1.3.11.1	2.1	Changed gain command name to volume(discrete). Added Volume(Step) control, Released.
1	04/19/06	1.3.11.1	2.1	Beta Version.

Driver Notes:**General Notes:**

Unit ID does not display or set current status of PSR1212. Unit ID is only used to choose which PSR1212 to control.

Command parameters must be selected before sending the commands.

PSR1212 must have the 'serial echo' enabled in order for the driver to work correctly. The PSR1212 flow control must be disabled with use of this driver. The PSR1212 settings can be configured using the manufacturer's control software

Ramp Command:

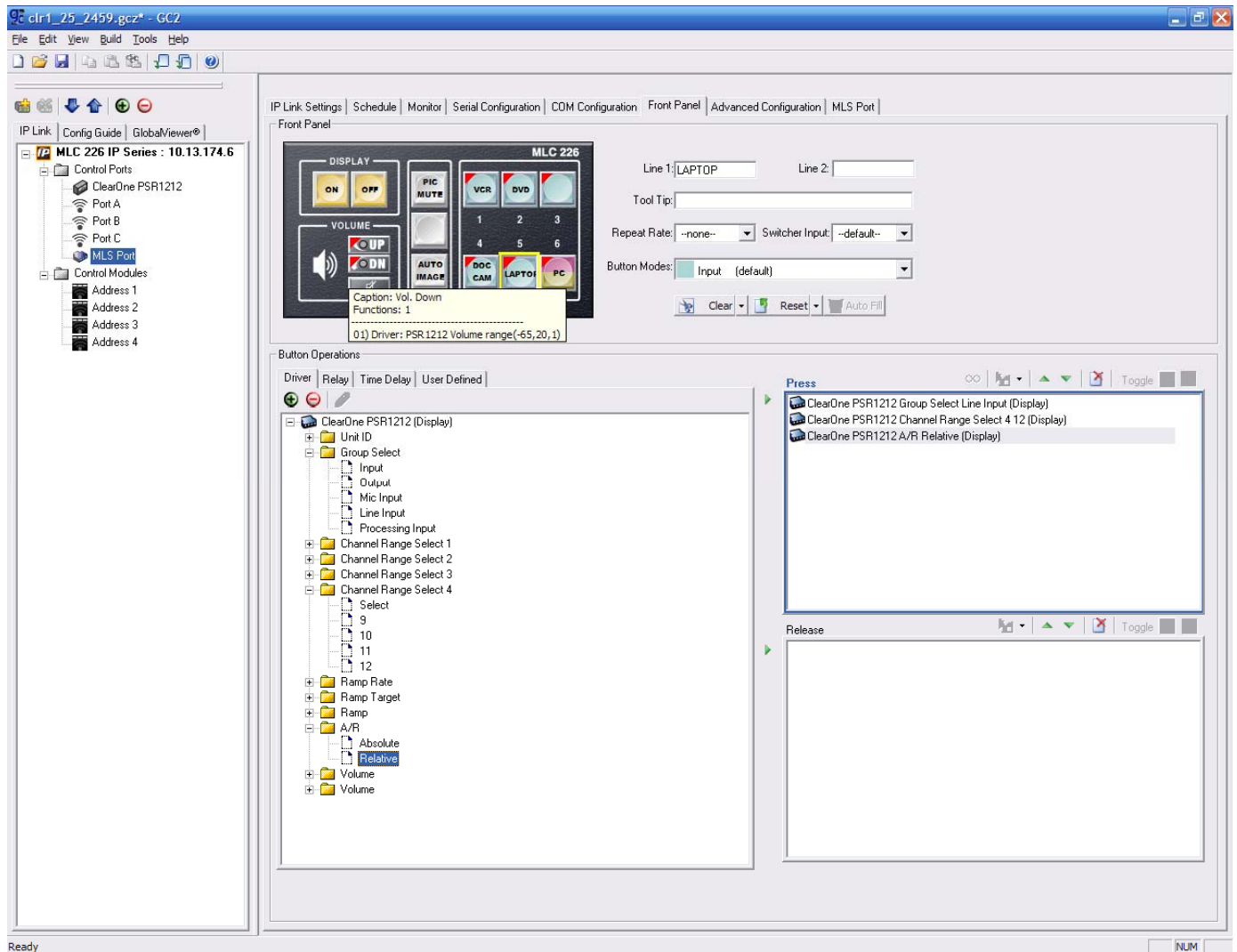
In order to use the ramp command, you must set the ramp range and ramp target variables. The press of the execute button will send the command to ramp the gain; the release of the button will send the command to stop.

Volume command:

The latest version of the driver contains four channel select commands, one for each supported range:

Group	Channel Range Select	Channel Values
Input & Output	1	1-12
Mic Input	2	1-8
Processing Input	3	A-H
Line Input	4	9-12

As an example, to change the volume on Line Input 12, the GC2 configuration should look something like this:



Assuming the device's Unit ID is 0, the three commands that must be configured before adjusting the volume knob are Group Select, Channel Range Select, and A/R.

Control Commands & States:

A/R	Absolute	Relative
Channel Select	Range (1 to 12)	
Group Select	Input	Output
	Line Input	Mic Input
	Processing Input	
Preset	1-32	
Ramp	Execute	
Ramp Rate	Range (-50 to 50)	
Ramp Target	Range (-65 to 20)	
Unit ID	Range (0 to 7)	
Volume (discrete)	Range (-65 to 20)	
Volume (step)	Increment	Decrement

MLC60 Series Supported Commands:

Preset*	1-32
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*Unit ID has been set to 1 by default.

Status Available:

Connection Status	Connected	Disconnected
Volume	Range (-65 to 20)	

Cable and Adapter Requirements:

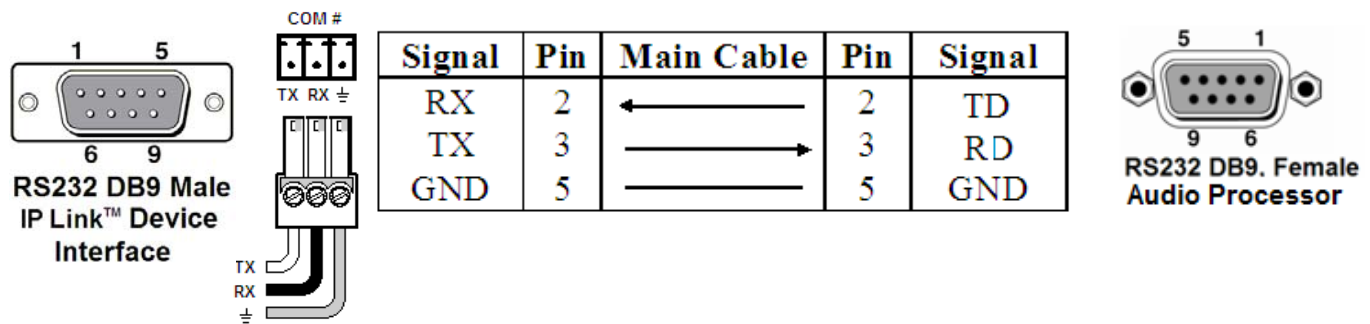
M/F RS-232 Straight Cable (Extron Electronics P/N 26-433-01)

Notes for the Device:

Serial communication:

Port Type: RS232
Baud Rate: 38400
Data Bits: 8

Parity: None
Stop Bits: 1
Flow Control: None

Pin Assignments Diagram:

Note: Captive screw connector may also be used as a serial connection.

General Notes: